

0062379

SAF-B00-004
Industrial Hygiene Sampling – Airborne
FINAL DATA

E:MAIL RESULTS TO:

Denise Pitts

N/A
INITIAL/DATE

COMPLETE COPY OF DATA PACKAGE TO:

Denise Pitts

X2-09

BP 4/14/04
INITIAL/DATE

COMMENTS: (PLEASE INCLUDE THE FOLLOWING ON THE FAX COVER SHEET)

SDG

20040474

SAF-B00-004.

Rad only

X

Chem only

Rad & Chem

X Complete

Partial

RECEIVED
AUG 17 2004
EDMC

WSCF
ANALYTICAL LABORATORY REPORT

Asbestos - Fiber Count

for

Bechtel Hanford, Inc.
MSIN: H9-02
Richland, WA 99352

Attention: J. Kessner MSIN: H9-02

Survey ID J016M3-J016M9

Data Validator

MK Hamilton

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Group#: 20040474
Report Date 13-apr-2004

w_0007/rev.6.3

B00-004

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Fluor Hanford, Inc.
MSIN: S3-28
Richland, WA 99352

Phone 373-7403

WSCF

ANALYTICAL LABORATORY REPORT

Attention: J. Kessner MSIN: H9-02 Bechtel Hanford, Inc. Group #: 20040474

Sample #	Client ID	Test Performed	Matrix	Reported Air Vol.(L)	Fibers/ RG Field	RG Result	Units	RDL	Analyst	Sampled	Received	Analyzed
W04I001566	J016M3	Airborne Fiber Conc.	FILTER	N/A	< RDL	BLANK	fibers/cm3	3 fibers	mkg	03/19/04	03/22/04	03/23/04
W04I001567	J016M4	Airborne Fiber Conc.	FILTER	N/A	< RDL	BLANK	fibers/cm3	3 fibers	mkg	03/19/04	03/22/04	03/23/04
W04I001568	J016M5	Airborne Fiber Conc.	FILTER	866	0.04	< 0.01	fibers/cm3	3 fibers	mkg	03/19/04	03/22/04	03/23/04
W04I001569	J016M6	Airborne Fiber Conc.	FILTER	979	0.15	< 0.01	fibers/cm3	3 fibers	mkg	03/19/04	03/22/04	03/23/04
W04I001570	J016M7	Airborne Fiber Conc.	FILTER	968	0.05	< 0.01	fibers/cm3	3 fibers	mkg	03/19/04	03/22/04	03/23/04
W04I001571	J016M8	Airborne Fiber Conc.	FILTER	826	< RDL	< 0.01	fibers/cm3	3 fibers	mkg	03/19/04	03/22/04	03/23/04
W04I001572	J016M9	Airborne Fiber Conc.	FILTER	277	0.16	0.03	fibers/cm3	3 fibers	mkg	03/19/04	03/22/04	03/23/04

RDL=Reporting Detection Limit
RG = Result Range

* - Indicates results that have NOT been validated.

w_0007/rev.6.3

Method LA-519-402 which was used is based on the approved NIOSH Analytical Method 7400, Rev. 4, Aug 1994. The method does not distinguish between asbestos and non-asbestos fibers but uses 400-power phase contrast microscopy to count all particles with an overall length exceeding 5 microns and a length-to-width ratio of 3:1 or greater. This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

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The quality control data for calendar year 2004 is as follows:

Fibers/Field	Sr value
<= 0.03	1.00
>0.03 - 0.20	0.26
>0.20 - 0.50	0.20
>0.50 - 1.0	0.17
>1.0	0.14

WSCF

ANALYTICAL COMMENT REPORT

Attention: J. Kessner MSIN: H9-02

Group #: 20040474

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		Results have not been corrected for lab or field blanks unless otherwise noted in the Analytical Comment Report.
				Validated 4/13/04 by MK Hamilton, IH QA Coordinator.
W04I001566	J016M3	LOGSAMP		RECEIVED AND LOGGED BY SD BOLLING 3/22/04.
				SAMPLES ACCEPTABLE UPON RECEIPT.
				MEDIA: 25 mm 0.8 um MCE FILTERS

Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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20040474

Bechtel Hanford, Inc.		ERC/INDUSTRIAL HYGIENE CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST									
Collector: <i>Mark Cranston</i>	Company Contact Henry W. Ruby	Telephone No. 373-5600				Project Coordinator Joan H. Kessner			Data Turnaround <i>24hr</i>		
Payroll #: <i>73450</i>	Sampling Location <i>100N//1304N Emergency</i>	SPECIAL INSTRUCTIONS All relevant COAs must be provided: <i>R1304N 5452</i>				SAF No. B00-004; B00-005			Method of Shipment <i>Hand Delivery</i> Bill of Lading/Air Bill No.		
Type of Sample: <i>Area</i>	<i>Dump Tank</i>	ANALYSIS METHOD (SPECIFIC): <i>NIOSH</i>									
Shipped To: <i>WSCF</i>											
POSSIBLE SAMPLE HAZARD/REMARKS <i>Asbestos</i>		MATRIX A - AIR WI - WIPE X - OTHER	Preservation (ie., cooling required, etc.)		No	No					
Special Handling and/or Storage											
SAMPLE ANALYSIS						Asbestos Airborne	Lead Airborne				
SAMPLE NO.	MATRIX	SAMPLE DATE	IE (L)	Comments							
<i>W04I001566</i> <i>J016M3</i>	<i>A</i>	<i>3-19-04</i>	<i>Blank</i>	<i>Blank</i>	<i>X</i>						
<i>W04I001567</i> <i>J016M4</i>	<i>A</i>	<i>3-19-04</i>	<i>Blank</i>	<i>Blank</i>	<i>X</i>						
<i>W04I001568</i> <i>J016M5</i>	<i>A</i>	<i>3-19-04</i>	<i>866</i>	<i>Area</i>	<i>X</i>						
<i>W04I001569</i> <i>J016M6</i>	<i>A</i>	<i>3-19-04</i>	<i>979</i>	<i>Area</i>	<i>X</i>						
<i>W04I001570</i> <i>J016M7</i>	<i>A</i>	<i>3-19-04</i>	<i>968</i>	<i>Area</i>	<i>X</i>						
<i>W04I001571</i> <i>J016M8</i>	<i>A</i>	<i>3-19-04</i>	<i>826</i>	<i>Area</i>	<i>X</i>						
<i>W04I001572</i> <i>J016M9</i>	<i>A</i>	<i>3-19-04</i>	<i>277</i>	<i>Area</i>	<i>X</i>						

ERC/INDUSTRIAL HYGIENE CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

SIGN / PRINT NAMES / USE MILITARY TIME

Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
Mark Cranston / Mark Cranston	3-19-04 1423	MO 425/426 Locked Room # 4	3-19-04 1423
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
D. J. Wonders / D. J. Wonders	3-22-04/ 1245	Daniel S. John	3/22/04 1245
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
Daniel S. John	3/22/04 1308	Sherry D. Bolling SDBolling	3/22/04 1308
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
Sherry D. Bolling SDBolling	3/22/04 1515	N2A Storage	
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
Analysis		IMK Grant / IMK Grant	3-23-04 0900
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
		Remaining filter stored at WSCF fiber count lab for at least 3 months, then discarded at trash.	
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
Relinquished By/Store:	DATE / TIME	Received By/Store:	DATE / TIME
LABORATORY SECTION	Received By	Title	DATE / TIME
	Sherry D. Bolling	SDBolling IH Technical Mgr.	3/22/04 1308

REVIEWED BY:

PRINT/SIGN NAME

DATE: